

CLEANTHANE 2100(KS)

Elastic urethane intermediate coating for waterproofing

This paint is a room-temperature curing 2K polyurethane intermediate coating suitable for rooftop waterproofing due to its excellent tensile strength, tearing strength and elongation. Due to its self-smoothing ability, it can form a seamless film and is excellent in water resistance, chemical resistance and durability. It can also form a uniform coating film. Moreover, it is an exposed type elastic urethane intermediate material that is easy to repair even if the waterproof layer is broken.

Usage

Waterproofing material for various engineering works, rooftops of buildings and other areas

Specification

Paint type	Polyurethane resin (2-Component)			
Drying time	Category	5℃	20℃	30℃
	Set-to-touch	12 hours	7 hours	5 hours
	Dry-through	48 hours	24 hours	18 hours
	Over-coat (Min.)	48 hours	24 hours	18 hours
	Over-coat (Max.)	96 hours	48 hours	36 hours
	Pot life	60 minutes	30 minutes	20 minutes
	Above pot life and follow-up coating time have been measured under laboratory conditions and may vary depending on the construction site.			
Thinner	DR-700, DR-700L, DR-790	Dilution ratio	▷ No dilution	
Specific gravity	Approx. 1.48 (Based on green color)			
Theoretical Coverage	4.8 kg/m² (Based on 3mm)	Solid volume ratio	92±3 % (Based on green color)	
Color	Green, gray, other colors	Thickness of dried film	3 mm	
Mixing ratio	Base(A)/Hardener(B)=1/4 (Weight ratio)	Flash point	62℃	
Shelf life	6 months (5 ~ 35 °C indoor storage)	Packaging unit	20kg [Base(4kg), Hardener(16kg)]	

Product Properties (Physical Property Data)

Tensile strength	More than 2.0 N/mm ²	Tearing strength	More than 12.8 N/mm
Elongation rate	More than 550 %	Hardness	shore A 60 ± 10

How to Use

Surface treatment	<ol style="list-style-type: none">1. Cure concrete for at least 28 days at a temperature of 21°C and a relative humidity of 50%.2. Completely remove the oil, moisture, sand, dust, laitance and other foreign matter from the surface and maintain surface smoothness.3. For high-strength concrete (260kg/cm² or higher), blasting treatment should be carried out.
Coating Conditions	<ol style="list-style-type: none">1. Atmosphere Temperature: 5~35°C, Surface Temperature: 40°C or below, Relative Humidity: 80% or less.2. Moisture content in the concrete: 6% or less. <p>During scorching heat in the summer (atmospheric temperature: 28°C or higher; surface temperature: 40°C or higher), please apply after 4 pm when the surface temperature drops.</p>
Coating Method	<ol style="list-style-type: none">1. Reinforce cracks, crevices, and joints between walls and floors with the NEW-THANSUNG SEAL(N).2. Apply smoothly on the undercoated surface using sawtooth scraper, rubber scraper, pitchfork, roller, etc. <p>Appropriate construction specifications</p> <ul style="list-style-type: none">▷ Primer : CLEANTHANE 1000▷ Intermediate coating : CLEANTHANE 2100(KS)▷ Top coat : CLEANTHANE 3000K